

AMENDMENT OF SOLICITATION		MODIFICATION OF CONTRACT		1. ()	2. ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. A022		3. EFFECTIVE DATE See Block 16 C.		4. REQUISITION/PURCHASE REQ. NO. 36-03GO10429.008, .009, .010		5. PROJECT NO. (If applicable)
6. ISSUED BY Golden Field Office U. S. Department of Energy 1617 Cole Blvd. Golden, CO 80401		CODE		7. ADMINISTERED BY (If other than Item 6) Golden Field Office U. S. Department of Energy 1617 Cole Blvd. Golden, CO 80401 (Jim Damm, 303-275-4744)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Integrated Resource Technologies, Inc. 5205 Leesburg Pike, Suite 1500 Falls Church, VA 22041				<input checked="" type="checkbox"/> (X)		9A. AMENDMENT OF SOLICITATION NO.
				<input type="checkbox"/>		9B. DATED (SEE ITEM 11)
				<input checked="" type="checkbox"/> (X)		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC36-00GO10429
				<input type="checkbox"/>		10B. DATED (SEE ITEM 13) 03/01/2000
CODE		FACILITY CODE				

11. THIS ITEM APPLIES TO AMENDMENTS OF SOLICITATIONS

- ☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:
- (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See page 3 of this Modification

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

<input checked="" type="checkbox"/> (X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/> (X)	D. OTHER (Specify type of modification and authority) FAR 52.232-22 "Limitation of Funds"

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return **2** copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See attached Pages 2 and 3 of this modification.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) FAYE FIELDS PRESIDENT & CEO		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Matthew A. Barron, Contracting Officer	
15B. CONTRACT/OFFEROR BY <u>Faye Fields</u> (Signature of person authorized to sign)	15C. DATE SIGNED 7/30/2003	16B. UNITED STATES OF AMERICA BY <u>Matthew A. Barron</u> (Signature of Contracting Officer)	16C. DATE SIGNED 8/4/03

The purpose of this modification is to (1) add funds in the amount of \$40,000.00 for Invention and Innovation Program Task for Merit Review Panel support activities; (2) add funds in the amount of \$55,000.00 for Geothermal Merit Review Panel support activities under the Office of Project Management Task; and (3) add funds in the amount of \$115,000.00 for the new Project Monitor under the Office of Project Management task. Therefore, the contract is modified as follows:

1. Section B.4, "Limitation of Funds", is hereby modified to read as follows:

Pursuant to the clause entitled "Limitation of Funds," total funds in the amount of \$8,926,748.52 have been allotted for obligation and are available for payment of allowable costs and fixed fee to be incurred from the effective date of this contract through the period estimated to end March 1, 2004.

Amount obligated this action:	\$ 210,000.00
Total amount obligated to date:	\$ 9,096,748.52

Section G.6 the Accounting and Appropriation Data for this award is as follows:

(Obligation this Action in Bold)

<u>Approp. Symbol</u>	<u>B& R No.</u>	<u>AFP</u>	<u>Base Period</u>	<u>Option Period 1</u>	<u>Option Period 2</u>	<u>Total Amount</u>
89X0215.91 HA	ED1810000	GO	00.00	00.00	115,000.00	115,000.00
89X0224.91 YA	EB4001000	GO	00.00	00.00	55,000.00	55,000.00
89X0215.91 HA	ED1906020	GO	00.00	00.00	40,000.00	40,000.00
89X0215.91 HA	EC0904000	CS	5,000.00	0.00	0.00	5,000.00
89X0215.91 HA	EC1504000	CS	5,000.00	0.00	0.00	5,000.00
89X0215.91 HA	EC1701000	CS	15,000.00	0.00	0.00	15,000.00
89X0215.91 HA	ED1801000	GO	25,411.58	25,000.00	0.00	50,411.58
89X0215.91 HA	ED1805000	GO	.00	10,000.00	0.00	10,000.00
89X0215.91 HA	ED1906010	GO	569,821.00	372,000.00	0.00	941,821.00
89X0215.91 HA	ED1906020	GO	211,966.66	32,000.00	0.00	243,966.66
89X0215.91 HA	ED1907010	GO	00.00	100,000.00	127,000.00	227,000.00
89X0215.91 HA	ED2000000	GO	50,000.00	0.00	0.00	50,000.00
89X0215.91 HA	EE0801000	CS	10,000.00	0.00	0.00	10,000.00
89X0215.91 HA	EH0120060	CS	8,000.00	0.00	0.00	8,000.00
89X0215.91 HA	EH0301206	GO	1,507,580.00	1,140,000.00	1,129,236.00	3,776,816.00
89X0215.91 HA	EH0501206	BS	25,000.00	134,940.00	110,000.00	269,940.00
89X0215.91 HA	EH0601206	CS	270,000.00	234,547.00	0.00	504,547.00
89X0215.91 HA	EH0801206	PS	.00	.00	400,000.00	400,000.00
89X0215.91 HA	EH0901206	SS	270,000.00	263,495.00	150,000.00	683,495.00
89X0215.91 HA	EL1702000	SS	22,000.00	33,000.00	0.00	55,000.00
89X0215.91 HA	EL1702000	PS	.00	.00	10,000.00	10,000.00
89X0215.91 HA	EL1703000	CS	20,000.00	0.00	0.00	20,000.00
89X0215.91 HA	EL1703000	PS	.00	.00	9,991.95	9,991.95
89X0215.91 HA	EL1704000	PS	.00	.00	10,141.37	10,141.37
89X0215.91 HA	EL1901000	SS	00.00	00.00	26,500.00	26,500.00
89X0215.91 HA	EO0101000	SS	00.00	25,000.00	0.00	25,000.00
89X0215.91 HK	EC1501000	CS	20,000.00	0.00	0.00	20,000.00
8900224.91 Y0	EB5102206	GO	159,117.96	0.00	0.00	159,117.96
89X0224.91 YA	EB5102206	GO	950,000.00	400,000.00	0.00	1,350,000.00
Total			\$4,143,897.20	\$2,769,982.00	\$2,142,869.32	\$9,096,748.52

3. Except as provided above, all terms and conditions of the contract remain unchanged and in full force and effect.